

Title (en)  
FLUORO(METH)ACRYLATE POLYMER COMPOSITION SUITABLE FOR LOW INDEX LAYER OF ANTIREFLECTIVE FILM

Title (de)  
FÜR EINE SCHICHT MIT NIEDRIGEM INDEX EINES ANTIREFLEXFLIMS GEEIGNETE FLUOR(METH-)ACRYLAT-POLYMERZUSAMMENSETZUNG

Title (fr)  
FORMULE DE POLYMÈRE FLUOROACRYLATE OU FLUOROMÉTHACRYLATE ADAPTÉE À UNE COUCHE DE FAIBLE INDICE OU À UN FILM ANTIRÉFLECTEUR

Publication  
**EP 2044471 A4 20160120 (EN)**

Application  
**EP 07761862 A 20070504**

Priority

- US 2007068197 W 20070504
- US 42379106 A 20060613

Abstract (en)  
[origin: US2007286993A1] Antireflective film articles and low refractive index coating compositions are described that comprises a fluorinated free-radically polymerizable polymeric (e.g. intermediate) material. The free-radically polymerizable fluorinated polymeric intermediate comprises the reaction product of i) at least one multi-functional free-radically polymerizable material having a fluorine content of at least 25 wt-%, and ii) optionally other multi-functional free-radically polymerizable material. The total amount of multi-functional materials is preferably at least about 25 wt-%.

IPC 8 full level  
**G02B 1/11** (2015.01); **C09D 4/02** (2006.01); **C09D 163/00** (2006.01)

CPC (source: EP KR US)  
**G02B 1/111** (2013.01 - EP KR US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/3154** (2015.04 - EP US); **Y10T 428/31678** (2015.04 - EP US); **Y10T 428/31935** (2015.04 - EP US)

Citation (search report)

- [X] US 2005182199 A1 20050818 - JING NAIYONG [US], et al
- See references of WO 2007146509A1

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DOCDB simple family (publication)  
**US 2007286993 A1 20071213; US 7615283 B2 20091110**; CN 101467075 A 20090624; CN 101467075 B 20110202; EP 2044471 A1 20090408; EP 2044471 A4 20160120; EP 2044471 B1 20180418; JP 2009540390 A 20091119; JP 5341751 B2 20131113; KR 101455580 B1 20141028; KR 20090021166 A 20090227; KR 20140024484 A 20140228; TW 200745592 A 20071216; WO 2007146509 A1 20071221

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